

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,539,240 B2  
APPLICATION NO. : 10/800167  
DATED : May 26, 2009  
INVENTOR(S) : Cairns et al.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the Title Page, in Field (73), under "Assignee", in Column 1, Line 1, delete "Telefonaktiebolaget" and insert -- Telefonaktiebolaget --, therefor.

In Column 5, Line 15, in Equation (4), delete " $\hat{R}(\text{slot})$ " and insert  
--  $\hat{\mathbf{R}}(\text{slot}) \approx$  --, therefor.

In Column 8, Line 6, in Equation (17), delete " $z = w^H$ ." and insert --  $z = w^H y$ . --, therefor.

In Column 15, Line 24, in Equation (30), delete " $z_1 = e_A^H y_1 + (w_B^H y_2)^*$ " and insert  
--  $z_1 = w_A^H y_1 + (w_B^H y_2)^*$  --, therefor.

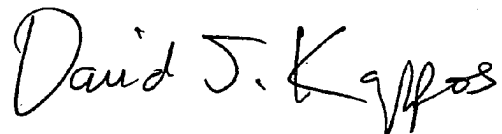
In Column 16, Line 64, in Equation (36), delete " $\hat{R}_{12}$ " and insert  
--  $\hat{\mathbf{R}}_{12}$  --, therefor.

In Column 19, Line 7, delete "processor," and insert -- processor 16, --, therefor.

In Column 19, Line 54, in Claim 5, delete "WCMDA" and insert -- WCDMA --, therefor.

Signed and Sealed this

Twenty-fourth Day of November, 2009



David J. Kappos  
*Director of the United States Patent and Trademark Office*